

What is claimed is:

1. A seat with a massage mechanism comprising:
a pair of brackets held on opposite sides of a base
5 frame such that they can move vertically;
a rod arranged rotatably relative to the brackets;
and
a push roller held rotatably by the rod in a
position eccentric from the rotational shaft center of
10 the rod.
2. A seat with a massage mechanism according to claim
1, further comprising:
links connecting the rod with the brackets;
15 an actuator for rotating the rod; and
a driving mechanism for vertically moving the
brackets;
wherein the rod is supported by the brackets
through the links, the actuator is held by one of the
20 links, and the driving mechanism is held by the base
frame.
3. A seat with a massage mechanism according to claim
2,
25 wherein the driving mechanism comprises an
actuator and screw-nut mechanisms arranged along
opposite sides of the base frame and moving in

synchronization with an output shaft of the actuator;
wherein

nuts of the screw-nut mechanisms are connected to
the brackets.

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4. A seat with a massage mechanism according to claim
2, wherein opposite ends of the rod move vertically along
guide sections on the opposite sides of the base frame
and the rod can be swung back and forth around the
10 rotation center of the links.

5. A seat with a massage mechanism according to claim
4, wherein the guide sections on the opposite sides of
the base frame have recessed sections recessed backward
15 relative to the seat.

6. A seat with a massage mechanism according to claim
5, wherein the rod is in contact with the guide sections
and the recessed sections serving as the front walls of
20 the base frame through bushes.

7. A seat with a massage mechanism according to claim
6,
wherein the opposite sides of the base frame each
25 have a pair of first and second long holes extending
vertically; and

wherein the brackets are each connected to the nut

of the screw-nut mechanism through the first long hole and are guided by the second long hole for the vertical movement.

5 8. A seat with a massage mechanism according to claim 1, wherein the push rollers are arranged symmetrically with respect to the center of the base frame.

9. A seat with a massage mechanism according to claim
10 8, wherein the push rollers are rotatably supported by arms fixed to the rod.

10. A seat with a massage mechanism according to claim 9, wherein the arms each hold a plurality of the push
15 rollers around the rotation center of the rod.

11. A seat with a massage mechanism according to claim 1, wherein the seat is a vehicle seat.

20 12. A seat with a massage mechanism according to claim 1, wherein the push roller exerts pressure on a pad layer of the seat for pushing the body part of a person sitting in the seat.

13. A seat with a massage mechanism comprising:
25 a pair of brackets held on opposite sides of a base frame such that they can move vertically by a driving mechanism held by a base frame;

links supported so as to be swung relative to the brackets;

a rod arranged rotatably relative to the brackets;

an actuator for rotating the rod; and

5 a pair of push rollers rotatably held by the rod in positions eccentric from the rotational shaft center of the rod;

wherein the rod moves vertically along guide sections and recessed sections on the opposite sides of the base frame; and when located in the recessed sections,
10 the rod is positioned in the rear relative to the flanges.

14. A seat with a massage mechanism according to claim 13, further comprising a spring between each of the brackets and each of the links,
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wherein the links are urged toward the opposite sides of the base frame.

15. A seat with a massage mechanism according to claim 13, wherein the seat is a vehicle seat.
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16. A seat with a massage mechanism according to claim 13, wherein the push roller exerts pressure on a pad layer of the seat for pushing the body part of a person sitting
25 in the seat.